

Data Acquisition System for Synchronous Generator Transient Performance

Presented by
PREW Generation



Agenda

- 1- Last meeting discussion.
- 2- This week's progress.
- 3- Specification of Data Acquisition device.
- 4- Next week tasks.



Last Meeting

1. Project specification.
2. Project Schedule (using Microsoft project.)
3. Discussed the purpose of the project.



This week Progress

1. Checking the available devices in GJ208 room
2. Redesign our Project Schedule
3. Searching for a device that meets our specification.
4. Familiarize with Labview
5. Budget estimation



PXI 6251

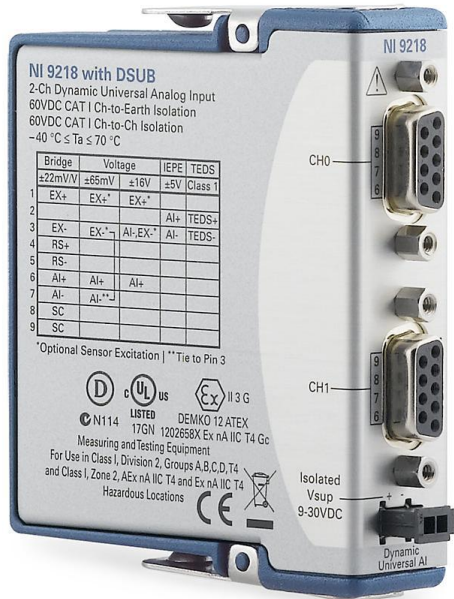


USB 6356

- DI/DO:24
- AI:8
- Sample rate:1.25MS/s
- Max V:+11V/-11V



NI USB 9218



Problem/Solution

Measuring Current (AC or DC)

Using Shunt Resistor

Finding another device that accept V & I as input signals



Next Step..



Thank you

Any Comments?

